IN THE CLAIMS:

Amend claims 9-11, 15 and 17-20 as shown in the following listing of claims, which replaces all previous listings and versions of claims in this application.

1. (previously presented) An organism information detecting apparatus for detecting organism information of a subject, the organism information detecting apparatus comprising:

detecting means configured to come into contact with a subject for detecting organism information of the subject for a predetermined sampling time period, determining a motion state of the subject when the organism information is detected, and outputting an organism signal;

first calculating means for processing the organism signal to calculate organism information data, the detecting means determining a reliability degree of the organism information data based on whether the determined motion state of the subject is a previously determined motion state;

second calculating means for calculating an average value of the amount of variation per time of data obtained by digitizing the organism signal, the average value being data supplementary to the organism information data, and the detecting means determining the motion state of the subject based on whether the supplementary data exceeds a previously determined threshold; and

storing means for storing the organism information data and the supplementary data such that the organism information data and the supplementary data are associated with one another.

2. - 3. (canceled).

4. (previously presented) An organism information detecting apparatus according to claim 1; further comprising:

informing means for informing the organism information data to the subject; and

informing data determining means for determining the organism information data informed by the informing means based on whether the determined reliability degree is a previously determined reliability degree.

5. (previously presented) An organism information detecting apparatus according to claim 4; further comprising:

power source controlling means for controlling ON/OFF of a power source of the detecting means based on whether the determined reliability degree is the previously determined reliability degree.

6. (previously presented) An organism information detecting apparatus according to claim 1; further comprising:

communicating means for communicating information with an organism information processing server disposed at a remote location; and

schedule executing means for detecting the organism information based on schedule information from the organism information processing server received by the communicating means and corresponding to measured organism information;

wherein the communicating means transmits the organism information data and the supplementary data to the organism information processing server as a result of result of executing the schedule executing means.

7. (previously presented) An organism information detecting apparatus according to claim 1; wherein the detecting apparatus equally divides the sampling time period into a plurality of pieces of block time periods and defines the sampling time period at and after a second time by erasing an oldest one block time period in the sampling time period at a preceding time and adding one block time period for a new measurement; and wherein the second calculating means calculates an average value of each of the block time periods of the variation amount per time of the data constituted by digitizing the organism signal and calculating an average value of the average values of the respective block time periods as the supplementary data in the sampling time period.

8. (canceled).

9. (currently amended) An organism information processing server for ~~communicating~~ receiving information ~~with~~ from an organism information detecting apparatus for detecting

organism information of the subject for a predetermined sampling time period and outputting an organism signal, processing the organism signal to calculate organism information data, and calculating an average value of the amount of variation per time of data obtained by digitizing the organism signal, the average value being data supplementary to the organism information data, the organism information processing server executing a previously determined processing operation to the information received from the organism information detecting apparatus, the organism information processing server comprising:

communicating means for receiving the organism information data and the supplementary data from the organism information detecting apparatus;

storing means for storing the organism information data and the supplementary data such that the organism information data and the supplementary data are associated with one another;

motion state determining means for determining a motion state of the subject when the organism information is detected based on whether the supplementary data exceeds a previously determined threshold; and

reliability degree determining means for determining a reliability degree of the organism information data associated with the supplementary data based on whether the motion state determined by the motion state determining means is a previous determined motion state.

10. (currently amended) An organism information detecting system comprising: an organism information detecting apparatus for detecting organism information of a subject; and an organism information processing server for executing a previously determined processing operation to the information received from the organism information detecting apparatus;

wherein the organism information detecting apparatus comprises:

organism information detecting means that is configured to come ~~comes~~ into contact with a subject for detecting organism information of the subject for a predetermined sampling time period and outputting an organism signal;

organism information data calculating means for processing the organism signal to calculate organism information data;

supplementary data calculating means for calculating an average value of the amount of variation per time of data obtained by digitizing the organism signal, the average value being data supplementary to the organism information data; and

~~communicating~~ transmitting means for associating to one another the organism information data and the supplementary data to be transmitted to the organism information processing server; and

wherein the organism information processing server comprises:

~~communicating~~ receiving means for receiving the organism information data and the supplementary data from the organism information detecting apparatus;

data storing means for storing the organism information data and the supplementary data such that the organism information data and the supplementary data are associated with one another;

motion state determining means for determining a motion state of the subject when the organism information is detected based on whether the supplementary data exceeds a previously determined threshold; and

reliability degree determining means for determining a reliability degree of the organic information data associated with the supplementary data based on whether the motion state determined by the motion state determining means is a previously determined motion state.

11. (currently amended) An organism information processing method for an organism information detecting apparatus that detects organism information of a subject, the organism information processing method comprising:

a step of bringing the organism information detecting apparatus into contact with a subject to detect the organism

information of the subject for a predetermined sampling time period, determine by a determining means a motion state of the subject when the organism information is detected, and output an organism signal;

a step of processing the organism signal to calculate organism information data by an organism information data calculating means, a reliability degree of the organism information data being determined based on whether the determined motion state of the subject is a previously determined motion state by the determining means;

a step of calculating an average value of the amount of variation per time of data obtained by digitizing the organism signal, the average value being data supplementary to the organism information data by the supplementary data calculating means, and the motion state of the subject being determined based on whether the supplementary data exceeds a previously determined threshold by the determining means; and

a step of storing by a storing means the organism information data and the supplementary data such that the organism information data and the supplementary data are associated with one another.

12. - 14. (canceled).

15. (currently amended) An organism information processing method comprising:

a step of communicating information with an organism information detecting apparatus that detects organism information of a subject for a predetermined sampling time period and outputs an organism signal, processes the organism signal to calculate organism information data, and calculates an average value of the amount of variation per time of data obtained by digitizing the organism signal, the average value being data supplementary to the organism information data;

a step of storing by a storing means the organism information data and the supplementary data such that the organism information data and the supplementary data are associated with one another;

a step of determining by a determining means a motion state of the subject when the organism information is detected based on whether the supplementary data exceeds a previously determined threshold; and

a step of determining a reliability degree of the organism information data associated with the supplementary data based on whether the motion state is a previously determined motion state by the determining means.

16. (previously presented) An organism information processing method used in an organism information detecting system comprising an organism information detecting apparatus for detecting organism information of a subject, and an organism

information processing server for executing a previously determined processing operation to the information received from the organism information detecting apparatus;

wherein the organism information detecting apparatus executes a method comprising:

a step of bringing the organism information detecting apparatus into contact with the subject to detect the organism information of the subject for a predetermined sampling time period and to output an organism signal;

a step of processing the organism signal to calculate organism information data;

a step of calculating an average value of the amount of variation per time of data obtained by digitizing the organism signal, the average value being data supplementary to the organism information data; and

a step of associating the organism information data and the supplementary data to one another for transmission to the information processing server; and

wherein the organism information processing server executes a method comprising:

a step of storing the organism information data and the supplementary data received from the organism information detecting apparatus such that the organism information data and the supplementary data are associated with one another;

a step of determining a motion state of the subject when the organism information is detected based on whether the supplementary data exceeds a previously determined threshold; and

a step of determining a reliability degree of the organism information data associated with the supplementary data based on whether the motion state is a previously determined motion state.

17. (currently amended) A motion state determining method of determining a motion state of a subject when organism information is detected in an organism information detecting apparatus comprising organism information detecting means that is brought into contact with the subject for detecting the organism information of the subject, the motion state determining method comprising:

a step of acquiring data by digitizing <u>using an A/D converter</u> an organism signal <u>outputted by the organism information detecting means</u> during a previously determined sampling time period outputted by the organism information detecting means;

a step of calculating by a supplementary data calculating means an average value of a variation amount per time of the data; and

a step of determining by a determining means the motion state of the subject when the organism information is detected based on whether the average value of the variation amount exceeds a previously determined threshold.

18. (currently amended) A reliability degree determining method for determining a reliability degree of organism information in an organism information detecting apparatus comprising organism information detecting means that is brought into contact with a subject for detecting the organism information of the subject, the reliability degree determining method comprising:

a step of acquiring data by digitizing using an A/D converter an organism signal outputted by the organism information detecting means during a previously determined sampling time period outputted by the organism information detecting means;

a step of calculating by a supplementary data calculating means an average value of a variation amount per time of the data;

a step of determining by a determining means a motion state of the subject when the organism information is detected based on whether the average value of the variation amount exceeds a previously determined threshold; and

a step of determining a reliability of the organism information based on whether the motion state is a previously determined motion state by the determining means.

19. (currently amended) A computer ~~program product~~ readable medium having embodied thereon computer readable instructions which, when executed by a computer, causes the ~~for causing a~~ computer to realize a ~~function~~ method of determining a motion state of a subject utilizing digital data of an organism signal outputted by organism information detecting means of an organism information detecting apparatus that detects organism information of the subject by being brought into contact with the subject and corresponding to the organism signal, the ~~instructions causing the computer to~~ method comprising:

~~read~~ reading the digital data;

~~calculate~~ calculating an average value of a variation amount per time of the digital data; and

~~determine~~ determining the motion state of the subject when the organism information is detected based on whether the average value of the variation amount exceeds a previously determined threshold.

20. (currently amended) A computer readable medium ~~program product~~ having embodied thereon computer readable instructions which, when executed by a computer, causes the ~~for causing a~~ computer to realize a ~~function~~ method of determining a reliability of organism information of a subject utilizing

digital data of an organism signal outputted by organism information detecting means of an organism information detecting apparatus that detects the organism information of the subject by being brought into contact with the subject, the ~~instructions causing the computer to~~ method comprising:

~~read~~ reading the digital data;

~~calculate~~ calculating an average value of a variation amount per time of the digital data;

~~determine~~ determining the motion state of the subject when the organism information is detected based on whether the average value of the variation amount exceeds a previously determined threshold; and

~~determine~~ determining a reliability degree of the organism information based on whether the motion state is a previously determined motion state.

21. (previously presented) An organism information detecting apparatus according to claim 1; wherein the organism information is a waveform of the subject's artery; and wherein the detecting means subjects digital data of a component of a pulse wave included in the organism signal of the sampling time period to a frequency analysis and calculates a pulsation number as the organism information data.

22. (previously presented) An organism information detecting apparatus according to claim 4; wherein the organism information is a waveform of the subject's artery; and wherein

the detecting means subjects digital data of a component of a pulse wave included in the organism signal of the sampling time period to a frequency analysis and calculates a pulsation number as the organism information data.

23. (previously presented) An organism information detecting apparatus according to claim 5; wherein the organism information is a waveform of the subject's artery; and wherein the detecting means subjects digital data of a component of a pulse wave included in the organism signal of the sampling time period to a frequency analysis and calculates a pulsation number as the organism information data.

24. (previously presented) An organism information detecting apparatus according to claim 6; wherein the organism information is a waveform of the subject's artery; and wherein the detecting means subjects digital data of a component of a pulse wave included in the organism signal of the sampling time period to a frequency analysis and calculates a pulsation number as the organism information data.

25. (previously presented) An organism information detecting apparatus according to claim 7; wherein the organism information is a waveform of the subject's artery; and wherein the detecting means subjects digital data of a component of a pulse wave included in the organism signal of the sampling time period to a frequency analysis and calculates a pulsation number as the organism information data.

26. (previously presented) An organism information processing method according to claim 11; wherein the organism information is a waveform of the subject's artery; and wherein the step of calculating the organism information data comprises subjecting digital data of a component of a pulse wave included in the organism signal to a frequency analysis and calculating a pulsation number as organism information data.